



OSHA TRAINING

2024 CATALOG

TABLE OF CONTENTS

General Information	3
General Industry Courses	4
Construction Industry Courses	5
All OSHA Courses	6-8
Work Zone and Flagger Qualification	9-11
Certificate Programs	12-13
Workforce Development and Community Engagement	14
Frequently Asked Questions	15

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PHYSICAL LOCATION
CARL D. PERKINS CONFERENCE CENTER
4436 KIT CARSON DRIVE, RICHMOND, KY 40475

EKU OSHA TRAINING INSTITUTE EDUCATION CENTER

SUMMARY

Established in 2003, EKU's OSHA Training Institute Education Center offers a variety of safety and health courses that draw upon the expertise of internationally recognized faculty at the University as well as leaders in the field.

EKU has a proud legacy of meeting the diverse needs of business and industry throughout our region. The OSHA Training Institute Education Center exemplifies our steadfast commitment to service and lifelong learning.

BECOME AN AUTHORIZED OSHA OUTREACH TRAINER

If you have completed an OSHA Standards Course and have at least five years of relevant safety experience, you may qualify to enroll in the OSHA Outreach Trainer Program for Construction or General Industry.

The Trainer Courses OSHA 500 and OSHA 501 are offered several times throughout the year. After successful completion of trainer course you will be authorized to teach the OSHA 10 & 30 hour safety classes.

Step 1: Complete the Standards Course—OSHA 510 (Construction) or OSHA 511 (General Industry)

Step 2: Document your safety experience/credentials via the Verification of Prerequisites (5 years of safety experience minimum)

Step 3: Complete the Trainer Course—OSHA 500 (Construction) OSHA 501 (General Industry)

For additional information please contact Trevor George, OSHA Training Specialist at 859-622-2961.

CONTRACT CLASSES

If you need assistance regarding a customized on-site training please contact Zach Rhodus at william.rhodus@eku.edu, (859) 622-6976 or Trevor George at trevor.george@eku.edu, (859) 622-2961.

VIRTUAL INSTRUCTOR LED TRAINING

EKU is pleased to offer Virtual Instructor Led Training (VILT) via Zoom and Blackboard Learning Management System. OTI Education Center courses are to be completed in the region where the student lives or works. If you are not from Kentucky, Tennessee, North Carolina, South Carolina, Georgia, Mississippi, Alabama, or Florida please consult with OTI Education Center before registering for VILT classes.

System Requirements:

- An internet connection – broadband wired or wireless (3G-5G/LTE)
- Speakers and a microphone – built-in, USB plug-in, or wireless Bluetooth
- A webcam or HD webcam – built-in or USB plug-in (We must be able to see you!)

SERVING REGION IV





GENERAL INDUSTRY COURSES

OSHA 501: TRAINER COURSE IN OSHA STANDARDS FOR GENERAL INDUSTRY

Fee \$800

Online Dates:

January 16-19 September 3-6
March 25-28 November 11-14
July 8-11

Richmond Dates:

May 20-23

Louisville Dates:

April 23-26
September 24-27

This course is designed for individuals interested in teaching the 10- and 30-hour general industry safety and health Outreach training program to their employees and other interested groups. Using the OSHA General Industry Standards as a guide, special emphasis is placed on those topics required in the 10- and 30-hour programs as well as those which are most hazardous. Students are briefed on effective instructional approaches and use of visual aids and handouts. This course allows the student to become a trainer in the OSHA Outreach Training Program, to conduct both 10- and 30-hour General Industry Outreach classes, and to issue cards to participants after verifying course completion. Students who wish to participate as authorized trainers in the OSHA Outreach Training Program must prepare a presentation on an assigned OSHA General Industry Outreach Training Program topic individually or as part of a group and successfully pass a written exam at the end of the course.

OSHA 503: UPDATE FOR GENERAL INDUSTRY OUTREACH TRAINERS

Fee \$650

Online Dates:

January 24-26 June 24-26
February 26-28 Sept. 30 - Oct. 2
May 1-3 November 20-22

Richmond Dates:

July 22-24

This course is designed for Outreach Training Program trainers who have completed course #501 Trainer Course in Occupational Safety and Health Standards for General Industry and who are authorized trainers in the OSHA Outreach Training Program. The course provides an update on OSHA General Industry Standards, policies, and regulations. Upon course completion, students will have the ability to demonstrate continued professional development in their field by applying effective adult learning principles and interactive training techniques to clearly identify, define, and explain general industry hazards and acceptable corrective measures as they continue to teach the 10- and 30- hour General Industry Outreach Training Program classes.

OSHA 511: OCCUPATIONAL SAFETY & HEALTH STANDARDS FOR GENERAL INDUSTRY

Fee \$800

Online Dates:

February 5-8 August 12-15
April 8-11 October 21-24
June 10-13 December 2-5

Richmond Dates:

March 4-7

Louisville Dates:

March 19-22
August 20-23

This course covers OSHA Standards, policies, and procedures in general industry. Topics include scope and application of the OSHA General Industry Standards, general industry principles and special emphasis on those areas in general industry which are most hazardous. Upon course completion, students will have the ability to define general industry terms found in the OSHA General Industry Standards, identify hazards which occur in general industry, locate and determine appropriate OSHA General Industry Standards, policies, and procedures, and describe the use of OSHA General Industry Standards and regulations to supplement an ongoing safety and health program.

CONSTRUCTION INDUSTRY COURSES

OSHA 500: TRAINER COURSE FOR CONSTRUCTION

Fee \$800

Online Dates:

January 8-11
April 1-4
July 8-11

Richmond Dates:

May 13-16

Louisville Dates:

April 9-12
September 10-13

This course is designed for individuals interested in teaching the 10- and 30-hour construction safety and health Outreach Training Program to their employees and other interested groups. Using OSHA Construction Standards as a guide, special emphasis is placed on those topics required in the 10- and 30-hour programs as well as those which are most hazardous. Students are briefed on effective instructional approaches and use of visual aids and handouts. This course allows the student to become a trainer in the OSHA Outreach Training Program, to conduct both 10- and 30-hour Construction Outreach classes, and to issue cards to participants after verifying course completion. Students who wish to participate as authorized Outreach trainers in the OSHA Outreach Training Program must prepare a presentation on an assigned OSHA Construction Outreach Training Program topic individually or as part of a group and successfully pass a written exam at the end of the course. * You must call to register for trainer classes, 859-622-2961

Prerequisites

Students must successfully complete the OSHA #510 Occupational Safety and Health Standards for Construction and have five (5) years of safety and health work experience in the construction industry. A degree in occupational safety and health, a Certified Safety Professional (CSP) or a Certified Industrial Hygienist (CIH) designation may be substituted for two (2) years of work related experience. Authorized OSHA Outreach Training Program trainers are required to attend OSHA #502 Update for Construction Industry Outreach Trainers at least once every four (4) years to maintain their trainer status.

OSHA 502: UPDATE FOR CONSTRUCTION INDUSTRY OUTREACH TRAINERS

Fee \$650

Online Dates:

January 22-24
Feb 28 - Mar 1
April 29 - May 1

June 24-26
October 2-4
November 18-20

Richmond Dates:

July 15-17

This course is designed for Outreach Training Program trainers who have completed OSHA #500 Trainer Course in Occupational Safety and Health Standards for the Construction Industry and are authorized trainers in the OSHA Outreach Training Program. The course provides an update on OSHA Construction Standards, policies, and regulations. Upon course completion, students will have the ability to demonstrate continued professional development in their field by applying effective adult learning principles and interactive training techniques to clearly identify, define, and explain construction industry hazards and acceptable corrective measures as they continue to teach the 10- and 30-hour Construction Outreach Training Program classes.* You must call to register for trainer classes, 859-622-2961

Prerequisites: OSHA 500

OSHA 510: OCCUPATIONAL SAFETY & HEALTH STANDARDS FOR CONSTRUCTION

Fee \$800

Online Dates:

Jan 29-Feb 1
April 22-25
June 10-13

Richmond Dates:

March 25-28

Louisville Dates:

March 5-8
August 6-9

This course covers OSHA Standards, policies, and procedures in the construction industry. Topics include scope and application of the OSHA Construction Standards, construction safety and health principles, and special emphasis on those areas in construction which are most hazardous. Upon course completion, students will have the ability to define construction terms found in the OSHA Construction Standards, identify hazards which occur in the construction industry, locate and determine appropriate OSHA Construction Standards, policies, and procedures, and describe the use of the OSHA Construction Standards and regulations to supplement an ongoing safety and health program.

OSHA COURSES

OSHA 2015: HAZARDOUS MATERIALS

Fee \$800

Online Dates: June 3-6
Richmond Dates: September 9-12

This course covers OSHA General Industry Standards and other consensus and proprietary standards that relate to the use of hazardous materials. Course topics include flammable and combustible liquids, compressed gases, LP-gases, and cryogenic liquids. Related processes such as spraying and dipping, and use of electrical equipment in hazardous locations are also discussed. Upon course completion, students will have the ability to assess compliance with OSHA hazardous materials standards, determine hazardous (classified) locations, and proper moving, storing, and handling of hazardous materials.

Minimum student contact hours: 26

OSHA 2225: RESPIRATORY PROTECTION

Fee \$800

Online Dates:
May 28-31

This course covers the requirements for the establishment, maintenance, and monitoring of a respiratory protection program. Course topics include terminology, OSHA Respiratory Protection Standards, NIOSH certification, respiratory protection programs, and medical evaluation requirements. Program highlights include workshops on respirator selection, qualitative and quantitative fit testing, and the use of respiratory protection and support equipment. Upon course completion, students will have the ability to identify and describe the elements of a respiratory protection program, the proper selection, use, and inspection of respiratory protection, protection factors, and evaluate compliance with OSHA Standards.

Minimum student contact hours: 26

OSHA 2264: PERMIT-REQUIRED CONFINED SPACE ENTRY

Fee \$650 (ONLINE PRICE)

Fee \$750 (CAMPUS PRICE)

Online Dates: October 16-18
Richmond Dates: April 2-4
Louisville Dates: July 9-11

This course covers the safety and health hazards associated with permit-required confined space entry. Course topics include recognition of confined space hazards, identification of permit and non-permit required confined spaces, use of instrumentation to evaluate atmospheric hazards, ventilation techniques, development and implementation of a confined space program, proper signage, and training requirements. This course features workshops on permit entry classification, instrumentation, and program development. Upon course completion, students will have the ability to identify permit and non-permit required confined spaces, reference the OSHA Permit-Required Confined Spaces Standard, conduct atmospheric testing, and implement a permit-required confined space program.

Minimum student contact hours: 20

OSHA 3085: PRINCIPALS OF SCAFFOLDING

Fee \$650

Online Dates:
July 22-24

This course covers the requirements for construction and the safe construction and use of scaffolding using the OSHA construction scaffold standard as a guide. Course topics include hazards associated with scaffold design, assembly, disassembly and use, types of scaffolds, determining scaffold capacity, employee qualifications and training, and maintenance, repair, and inspection requirements. Students will participate in workshops to reinforce concepts of safe scaffolding. Upon course completion students will have the ability to identify the types of scaffolds and their components, determine safe assembly, use, and disassembly, and recognize common violations of OSHA Standards.

Minimum student contact hours: 22.

OSHA 2045: MACHINERY & MACHINE GUARDING STANDARDS

Fee \$800

Online Dates: October 28-31
Richmond Dates: April 22-25

This course covers the various types of common machinery, machine safe guards, and related OSHA regulations and procedures. Guidance is provided on the hazards associated with various types of machinery and the determination of proper machine safe guards. Course topics include machinery processes, mechanical motions, points of operation, control of hazardous energy sources (lockout/tagout), guarding of portable powered tools, and common OSHA machine guarding violations. Program highlights include the ability to recognize hazards and provide options for control and hazard abatement through machine safeguarding inspection workshops. Upon course completion, students will have the ability to describe common machine hazards and sources of energy, identify resources for assisting with machine guarding issues, and determine methods of control and hazard abatement, and selection of appropriate machine safe guards.

Minimum student contact hours: 26

OSHA 2255: PRINCIPALS OF ERGONOMICS

Fee \$650

Online Dates:
May 6-8

This course covers the use of ergonomic principles to recognize, evaluate, and control workplace conditions that cause or contribute to musculoskeletal and nerve disorders. Course topics include work physiology, anthropometry, musculoskeletal disorders, use of video display terminals, and risk factors such as vibration, temperature, material handling, repetition, and lifting and patient transfers in health care. Course emphasis is on industrial case studies covering analysis and design of work stations and equipment workshops in manual lifting, and coverage of current OSHA compliance policies and guidelines. Upon course completion, students will have the ability to recognize workrelated musculoskeletal and nerve disorders, assess employer's ergonomic programs, and conduct ergonomic evaluations.

Minimum student contact hours: 18

OSHA 3015: EXCAVATION, TRENCHING, AND SOIL MECHANICS

Fee \$650

Online Dates: February 12-14
October 16-18
Louisville Dates: June 4-6

This course covers the OSHA Excavation Standard and safety and health aspects of excavation and trenching. Course topics include practical soil mechanics and its relationship to the stability of shored and unshored slopes and walls of excavations, introduction of various types of shoring (wood timbers and hydraulic), soil classification, and use of protective systems. Testing methods are demonstrated and students participate in workshops in the use of instruments such as penetrometers, torvane shears, and engineering rods. Upon course completion, students will have the ability to assess their employer's compliance with the OSHA Excavation Standard, utilize soil testing methods to classify soil types, determine protective systems for excavation operations, and training requirements.

Minimum student contact hours: 20

OSHA 3095: ELECTRICAL STANDARDS

Fee \$800

Online Dates:
February 12-15 and October 7-10

This course covers OSHA Electrical Standards and the hazards associated with electrical installations and equipment. Course topics include single- and three-phase systems, cord- and plug connected and fixed equipment, grounding, ground fault circuit interrupters, and safety-related work practices. Emphasis is placed on electrical hazard recognition and OSHA Standards, policies, and procedures and applicable portions of the National Electrical Code (NEC). Students will participate in workshops on the safe and correct use of electrical testing equipment. Upon course completion, students will have the ability to understand the severity of electrical current on the human body, recognize and evaluate actual and potential electrical hazards and reference the applicable OSHA Standard, determine hazard abatement measures, and understand the proper use of electrical testing equipment.

Minimum student contact hours: 26

OSHA 3115: FALL PROTECTION

Fee \$650

Online Dates:
May 20-22 and September 23-25

This course covers the OSHA Fall Protection Standard for construction and an overview of fall protection methods. Course topics include principles of fall protection, components and limitations of fall arrest systems, and OSHA Standards and policies regarding fall protection. Students will participate in workshops demonstrating the inspection and use of fall protection equipment, residential construction fall protection, training requirements, and developing a fall protection program. Upon course completion, students will have the ability to assess compliance with the OSHA Fall Protection Standard, evaluate installed passive systems and fall arrest systems, and develop and implement fall protection plans.
Minimum student contact hours: 18

OSHA 6005: COLLATERAL DUTY FOR OTHER FEDERAL WORKERS

Fee \$650

Online Dates:
July 29-31

This course covers the OSH Act, Executive Order 12196, and the OSHA General Industry Standards. This course is intended for federal agency collateral duty safety and health personnel. With use of the OSHA General Industry Standards, special emphasis is placed on areas in general industry which are most hazardous. Upon course completion, students will have the ability to define general industry terms, identify hazards that occur in general industry, determine appropriate standards and regulations for federal agencies, locate OSHA General Industry Standards, policies, and procedures, and describe the use of the OSHA General Industry Standards and regulations to effectively assist agency safety and health officers with inspection and abatement efforts.
Minimum student contact hours: 23

OSHA 7100: INTRODUCTION TO MACHINERY AND MACHINE SAFEGUARDING

Fee \$175

Online Dates:
November 8

This course covers the process to identify, select and properly safeguard machinery to protect employees and others in the work area and deliver appropriate training in safe work practices. Course topics include types of machinery requiring guarding, point of operation, emergency eyewash/shower requirements, hazard communication, OSHA Machinery and Machine Guarding Standards violations, and corrective actions. Upon course completion, students will have the ability to explain hazardous actions and motions of various types of machinery, identify methods of safeguarding, and match identified safeguards with the applicable OSHA Machinery and Machine Guarding Standards to reduce and eliminate the potential for accidents and injuries.
Minimum student contact hours: 4

OSHA 7105: EVACUATION AND EMERGENCY PLANNING

Fee \$175

Online Dates:
February 21

This course covers OSHA requirements for emergency action and fire protection plans. Course topics include purpose and requirements of emergency action and fire prevention plans, elements of emergency evacuation plans, and features of design and maintenance of emergency exit routes. Students will participate in workshops pertaining to the development of emergency action plans. Upon course completion, students will have the ability to list the elements of an emergency action plan and emergency evacuation floor plans, recognize violations of OSHA exit route requirements, determine whether their organization requires an emergency action plan, and develop and implement workplace emergency action and fire protection plans.
Minimum student contact hours: 4

OSHA 521: OSHA GUIDE TO INDUSTRIAL HYGIENE

Fee \$800

Online Dates: Richmond Dates:
March 18-21 August 5-8

This course covers industrial hygiene practices and related OSHA regulations and procedures. Course topics include recognition, evaluation, and control of chemical, physical, biological and ergonomic hazards, Permissible Exposure Limits (PEL), OSHA health standards, respiratory protection, engineering controls, OSHA sampling protocols and strategies, and workplace health program elements. The course features workshops in health hazard recognition, OSHA health standards and use of sampling equipment. Upon course completion, students will have the ability to recognize basic industrial hygiene principles and practices, identify characteristics of common air contaminants, locate PELs, perform basic industrial hygiene calculations, and determine methods for hazard control and abatement.
Minimum student contact hours: 26

OSHA 7005: PUBLIC WAREHOUSING AND STORAGE

Fee \$175

Richmond Dates:
June 20

This course covers the hazards and injuries likely to occur in public warehousing and storage operations, including encounters with powered industrial trucks, material handling, lifting and ergonomics, hazard communication, walking and working surfaces, and life safety including fire protection and evacuation. This course is intended for warehouse workers, supervisors, and employers responsible for developing safe work practices and procedures in a warehouse setting. Upon course completion, students will have the ability to recognize the potential for injuries from forklifts, material handling and lifting, exposure to hazardous substances, slips, trips, and falls and methods to control and abate these hazards.

OSHA 7115: LOCKOUT/TAGOUT

Fee \$175

Online Dates:
February 22 and August 22

This course covers the role and responsibility of the employer to develop and implement an energy control program, or lock-out/tag-out (LOTO) for the protection of workers while performing servicing and maintenance activities on machinery and equipment. Course topics include types of hazardous energy, detecting hazardous conditions, implementing control measures as they relate to the control of hazardous energy, developing and implementing energy control programs including written isolation procedures, training of authorized and affected employees, and periodic inspection of energy control procedures using the OSHA Control of Hazardous Energy Standard. Upon course completion the student will have the ability to explain the importance of energy control programs, procedures, training, audits and methods of controlling hazardous energy.
Minimum student contact hours: 7.5

OSHA 7200: BLOODBORNE PATHOGEN EXPOSURE CONTROL FOR HEALTHCARE

Fee \$175

Online Dates:
December 10

This course covers the development and implementation of Exposure Control Plans (ECP). Course topics include understanding the OSHA Bloodborne Pathogens Standard, determining potential exposure and methods of control, developing an ECP, vaccinations, exposure incidents, training, and record keeping. The target audience is the program administrator, manager, or other personnel designated with the responsibility of developing a Bloodborne Pathogens ECP. Course highlights include students developing a template for their facility's ECP. Upon course completion, participant will have the ability to take a systematic approach in developing an ECP.
Minimum student contact hours: 7

OSHA 7205: HEALTH HAZARD AWARENESS

Fee \$175

Online Dates:
December 9

This course covers common health hazards that are encountered in the workplace. These health hazards include exposure to chemicals, asbestos, silica and lead. Course topics include identification and evaluation of health hazards and their sources of exposure, health hazard information, and engineering and work practice controls. Students participate in workshops on evaluation and abatement of workplace health hazards. Upon course completion, students will have the ability to understand common health hazards in the workplace and methods for controlling and abatement of these hazards.

Minimum student contact hours: 6

OSHA 7400: NOISE IN THE CONSTRUCTION INDUSTRY

Fee \$175

Online Dates:
December 11

This course covers the evaluation and reduction of noise hazards in the construction industry. Course topics include OSHA Construction Noise Standards, properties of sound, noise-induced hearing loss, noise exposure control, selection and use of hearing protection, conducting sound level surveys, and worker training. Classroom demonstrations of noise instrumentation and hearing protection devices are featured. The target audience is the construction employer or representative designated with the responsibility to develop a construction noise program. Upon course completion, students will understand the properties of sound and its relationship to noise-induced hearing loss, hearing protection usage, how to conduct sound level surveys and the requirements for training workers.

Minimum student contact hours: 5.5

OSHA 7410: MANAGING EXCAVATION HAZARDS

Fee \$175

Online Dates:
April 17

This course covers the roles and responsibilities of the employer to educate and assign a competent person to excavation sites. Course topics include understanding and application of definitions relating to the OSHA Excavation Standard, excavation hazards and control measures, soil analysis techniques, protective system requirements and emergency response. Upon course completion, students will understand the importance and duties of a competent person in excavation work and have the knowledge and skills required performing these duties.

Minimum student contact hours: 6.5

OSHA 7505: INTRODUCTION TO INCIDENT (ACCIDENT) INVESTIGATION

Fee \$175

Online Dates: Richmond Dates:
February 20, April 16, June 18
and August 20

This course covers an introduction to basic incident investigation procedures and describes analysis techniques. Course topics include reasons for conducting incident investigations, employer responsibilities related to workplace incident investigations, and a four-step incident investigation procedure. The target audience is the employer, manager, employee or employee representative who is involved in conducting incident and/or near-miss or close call investigations. Successful completion enables the students to apply the basic skills necessary to conduct an effective incident investigation at the workplace.

Minimum student contact hours: 7.5

OSHA 7210: PANDEMIC ILLNESS PREPAREDNESS

Fee \$175

Online Dates:
December 12

This course covers recognition of hazards and risks associated with a pandemic illness event and development of strategies to assist a business, community, or family with realistic preparation for a pandemic event. Course topics include potential impact of a pandemic illness event on a business and community, critical elements of a preparedness plan, and realistic strategies for supporting continuity of operations. This course offers information on strategies that can be used to control the spread of the illness, minimization of exposure to employees and family, and resources available from OSHA and other government agencies. The intended audience is the business leader and members of their management team who may be integral to preparedness planning. Upon course completion, students will have the ability to prepare for a pandemic to assure business continuity and employee safety.

Minimum student contact hours: 5.5

OSHA 7405: FALL HAZARD AWARENESS FOR THE CONSTRUCTION INDUSTRY

Fee \$175

Online Dates:
August 21

This course covers the identification, evaluation, prevention and control of fall hazards in the construction industry. The course focuses on falls to a lower level rather than falls to the same level resulting from slips and falls. Course topics include identifying, analyzing, and preventing fall hazards utilizing OSHA Fall Protection Standards. At the conclusion of the course, students will have an awareness level of identifying fall hazards and methods to control and abate the hazards.

Minimum student contact hours: 5

OSHA 7500: INTRO TO SAFETY AND HEALTH MANAGEMENT

Fee \$175

Online Dates: Richmond Dates:
February 19, April 15, June 17
and August 19

This course covers the effective implementation of a company's safety and health management system. The course addresses the four core elements of an effective safety and health management system and those central issues that are critical to each element's proper management. This course is an interactive training session focusing on class discussion and workshops. Upon course completion, students will have the ability to evaluate, develop, and implement an effective safety and health management system for their company.

Minimum student contact hours: 5.5

OSHA 7845: RECORDKEEPING RULE SEMINAR

Fee \$175

Online Dates: Richmond Dates:
February 23, April 19, June 21
and August 23

This course covers OSHA requirements for maintaining and posting records of occupational injuries and illnesses, and reporting specific cases to OSHA. Upon course completion, students will have the ability to identify OSHA requirements for recordkeeping, posting and reporting and to complete OSHA Form 300 Log of Work-Related Injuries and Illness, OSHA Form 300A Summary of Work-Related Injuries and Illness, and OSHA Form 301 Injury and Illness Incident Report.

Minimum student contact hours: 4

FLAGGER QUALIFICATION

ENROLLMENT FEE \$115

COURSE OVERVIEW

This course is intended for individuals who perform flagging and temporary traffic control activities on Kentucky's roadways. This flagging course should be completed prior to taking the Technician and Supervisor Courses. The training will incorporate lectures, videos, and hands-on exercises. Upon completion of the course students will be able to identify and understand proper use of personal protective equipment (PPE), work zone components and types of operations, flagging procedures, proper and improper flagging operations, as well as best practice methods of communicating with workers and the public. Individuals performing flagging operations on any Kentucky roadway should be trained and qualified every two years. Successful testing results will be provided to the Kentucky Transportation Cabinet.

TOPICS:

- ▶ Overview of Kentucky Temporary Traffic Control Requirements
- ▶ Manual on Uniform Traffic Control (MUTCD) and Other
- ▶ Important Manuals Personal Protective Equipment (PPE)
- ▶ Work Zone Traffic Control Components
- ▶ Flagger Station Locations
- ▶ Flagger Procedures/Signals
- ▶ Flagging Operations
- ▶ Back-over protection
- ▶ Work Zone within a Work Zone
- ▶ Flagging Do's and Don'ts
- ▶ New and Emerging Technologies
- ▶ Activities: Hands-On Flagger Practice, Identifying improper flagging operations



WORK ZONE TRAFFIC CONTROL TECHNICIAN QUALIFICATION

ENROLLMENT FEE \$185

COURSE OVERVIEW

This course is intended for individuals who place, monitor, and maintain traffic control devices on public roadways. Students will review concepts, techniques, and practices in the installation and maintenance of traffic control devices. Students will also understand the concept of Tort liability and risk management. The student will be able to recognize and identify deficiencies during a construction or maintenance project. All students will be provided a copy of the Manual on Uniform Traffic Control Devices (MUTCD) Part 6 (TTC).

Students seeking qualification as Work Zone Traffic Control Technicians are encouraged to complete the Flagger Qualification course prior to taking this course. This course is a prerequisite for the Work Zone Traffic Control Supervisor Qualification. Technicians must be qualified through training and testing every five years. Results of those who successfully pass the test will be provided to the Kentucky Transportation Cabinet.

TOPICS:



- ▶ General Terms and Procedures
- ▶ Traffic Control Devices
- ▶ Traffic Control Zones (TCZ)
- ▶ Flagging Operations
- ▶ Back-over protection
- ▶ Mobile and Short-Term Work Zones
- ▶ Work Zone within a Work Zone
- ▶ Reading & Interpreting Work Zone Plans to Set Up a Traffic Control Zone
- ▶ Group Activities – Hands-on Work Zone Setup
- ▶ Liability Issues and Case Studies
- ▶ New and Emerging Technologies

WORK ZONE TRAFFIC CONTROL SUPERVISOR QUALIFICATION

ENROLLMENT FEE \$185

COURSE OVERVIEW

This course is intended for individuals who supervise traffic control technicians and other field personnel and who are responsible for implementing the Traffic Control Plan. It provides comprehensive training on work zone standards, guidelines, installation and removal procedures, inspection, and documentation. Students are taught how to read and interpret traffic control plans for implementation in the field, and how to correct and document deficiencies. The course expands on the concepts and techniques taught in the Traffic Control Technician Course, which is a prerequisite for the supervisor training. Supervisors must be qualified through training and testing every five years. Those who successfully pass the test will be qualified and their results will be provided to the Kentucky Transportation Cabinet

TOPICS:

- ▶ Fundamental Principles of Temporary Traffic Control Zones
- ▶ Flagging and Traffic Control Devices
- ▶ Traffic Control Zones
- ▶ Back-over protection
- ▶ Activities – Setting up Temporary Traffic Control Plans
- ▶ Work Zone Setup and Break Down
- ▶ Group Activity - How Would You Set Up this Work Zone?
- ▶ Mobile Work Zones & Nighttime Traffic Control
- ▶ Other Work Zone Considerations
- ▶ Work Zone within a Work Zone
- ▶ Liability Issues
- ▶ New and Emerging Technologies

CERTIFICATE PROGRAMS

CORRECTIONAL SAFETY OFFICER CERTIFICATE PROGRAM

40-Hour Program (4.0 CEU's)

This 40-hour program is designed specifically for safety/fire officers working inside a correctional setting. The program will include related general industry standards as well as a review of the American Correctional Association standards related to fire and safety which are critical in preparing for ACA accreditation. This program recognizes the challenges faced by Safety Officers as they comply with OSHA Standards, ACA Standards, and the individual policies and procedures of their correctional institution. The program is based upon a job analysis completed with high performing incumbent workers in the Correctional Safety Officer position.

OBJECTIVES OF THE PROGRAM:

After successfully completing the program, participants will be able to:

- ▶ Explain the duties of the Fire/Safety Officer specifically as they relate to ACA accreditation and OSHA compliance
- ▶ Demonstrate an understanding of the OSHA Standards, relative to a corrections setting
- ▶ Assist their agencies in preparing for audits and inspections
- ▶ Locate safety standard violations and conduct a hazard violation workshop
- ▶ Demonstrate an understanding of the Standards around fire protection and suppression systems and confined space areas
- ▶ Effectively use the ACA Accreditation manual as well as the OSHA General Industry Comprehensive Federal Regulations manual.

QUESTIONS?

Contact william.rhodus@eku.edu, (859) 622-6976 or
trevor.george@eku.edu, (859) 622-2961



EASTERN KENTUCKY UNIVERSITY

CERTIFICATE PROGRAMS



SAFETY & HEALTH FUNDAMENTALS

This certificate program supports OSHA's mission by training employees in occupational safety and health to reduce incident rates for American workers.

To be awarded a certificate, students must successfully complete a minimum of 7 courses, comprised of a minimum of 68 contact hours (39 required hours, 29 elective hours).

THREE PROGRAM OPTIONS:

Construction Emphasis, 68 contact hours

General Industry Emphasis, 68 contact hours

Maritime Industry Emphasis, 77 contact hours

CERTIFIED SAFETY & HEALTH SPECIALIST

The EKU Certified Safety & Health Specialist Program is designed for safety and health professionals who have at least five years of experience and wish to obtain in-depth professional development in the field. The Certificate Program provides a well-rounded customized learning experience consisting of Required Core Courses and elective courses in General Industry and/or Construction. Students completing the program must complete at least 100 contact hours to receive the Specialist Certificate.

EKU OSHA Training Institute Education Center will accept up to two (2) transfer courses from another OTIEC with the exception of applicable Trainer or Update Course. No course completed more than 10 years ago will be accepted.

PROGRAM ALLOWS STUDENTS TO:

- ▶ Obtain a credential with the potential for job advancement
- ▶ Develop contacts and network with other professionals facing similar challenges
- ▶ Stay current with regulations and regulatory interpretations
- ▶ Learn from some of the most experienced instructors in the industry while earning CEUs
- ▶ Earn academic credit in an EKU Safety Degree Program once a sufficient number of contact hours are documented



WORKFORCE DEVELOPMENT AND COMMUNITY ENGAGEMENT

SUMMARY

EKU's Workforce Development and Community Engagement provides quality professional development and training opportunities throughout Kentucky. We utilize the expertise of faculty, area business leaders, and professional trainers to develop and deliver programs tailored to meet the current economic needs of business and industry.

Classes are scheduled throughout the ECU Sixteen County Service Region including Richmond, Corbin and Manchester Campuses. On-site classes may be hosted at your company with sufficient enrollment. ECU specializes in customized work skills boot camps and assistance with planning your next team building activity or retreat. Please contact us for a free price quote, or to discuss specific workforce development needs.

Whether you are interested in team building, leadership development, computer technology or taking part in a safety course, it is our goal to make an impact on your continued, lifelong learning.

Workforce Development and Community Engagement offers the option to access Work Ready Kentucky Scholarship Program (WRKS) funds. The WRKS Scholarship helps Kentuckians who have not yet earned an associate's degree afford an industry-recognized certificate or diploma.

MILITARY CREDENTIALING ASSISTANCE

As part of the Army Credentialing Opportunities Online (COOL) service, the Army Credentialing Assistance (CA) program provides qualifying soldiers with up to \$4000 per fiscal year in career educational benefits. The CA program allows soldiers to earn professional and technical credentials. This program creates new opportunities for soldiers to enhance their skills and professionalism while serving and increasing their overall employability upon transitioning from the Army. The ECU OSHA Training Institute Education Center has several programs approved for those in the health and safety officer (HSO) career track.



DIGITAL BADGING

EKU has partnered with Badgr to issue digital badges to students completing training with ECU Workforce Development & Community Engagement. Digital badges are a real-time transcript that can inform a potential employer about a student's particular skill-set. Each student is assigned a digital backpack when they complete a class and earn a badge. As students complete additional classes their badges will accumulate in their digital backpack.

EKU's badging platform also includes support for our cumulative certificate programs. The Pathways system provides a visual way for students to track their progress through a given certificate program. Students will be able to tell what classes have been completed and plan for what class to take next. These badges can easily integrate into social media platforms such as LinkedIn, Facebook, and Twitter.

COMMUNITY EDUCATION

EKU's Community Education Department offers a wide variety of non-credit classes that are open to the general public. Courses are taught by ECU faculty and staff, community professionals and local tradespersons. Most classes are held on the Richmond campus where participants enjoy a relaxed learning atmosphere.

FOR MORE INFORMATION CONTACT

Susan Cornelius - susan.cornelius@eku.edu, (859) 622-6216 or
Shari VanHoose - shari.vanhoose@eku.edu, (859) 622-1217

HAVE QUESTIONS?

Where is your training center located?

**PHYSICAL LOCATION
CARL D. PERKINS CONFERENCE CENTER
4436 KIT CARSON DRIVE, RICHMOND, KY 40475**

What is the ECU OTI Education Center refund policy?

**YOU CANNOT CANCEL A REGISTRATION ONLINE. TO CANCEL A REGISTRATION, YOU MUST CONTACT TREVOR GEORGE BY EMAIL OR CALL 859-622-2961.
PLEASE INCLUDE YOUR FULL NAME AND ADDRESS, REGISTRATION DETAILS FOR THE COURSE YOU WANT TO CANCEL (I.E. COURSE CODE, TITLE, AND DATES) AND A DAY TIME PHONE NUMBER OR EMAIL WHERE WE CAN CONTACT YOU.**

How do I become an Outreach trainer?

IF YOU HAVE COMPLETED AN OSHA STANDARDS COURSE (OSHA 510 OR OSHA 511) AND HAVE AT LEAST FIVE YEARS OF RELEVANT SAFETY EXPERIENCE*, YOU MAY BE QUALIFIED TO ENROLL IN THE OSHA OUTREACH TRAINER PROGRAM FOR CONSTRUCTION (OSHA 500) OR GENERAL INDUSTRY (OSHA 501). THESE 4-DAY COURSES ARE OFFERED SEVERAL TIMES THROUGHOUT THE YEAR. SUCCESSFUL COMPLETION OF THE OSHA 500/501 TRAINER COURSE AUTHORIZES YOU TO TEACH OSHA OUTREACH 10 AND 30 HOUR SAFETY CLASSES.

For more frequently asked questions visit <https://www.eku.edu/osha/faq/>

EXPERIENCE EXCELLENCE



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EKU
**WORKFORCE DEVELOPMENT
& COMMUNITY ENGAGEMENT**

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An Authorized
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